

Date: Wed, 6 Jul 94 15:36:12 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #753
To: Info-Hams

Info-Hams Digest Wed, 6 Jul 94 Volume 94 : Issue 753

Today's Topics:

(none)

Amateur calls on auto license plates?
Best linear for scientific experiment (2 msgs)
CW - THE ONLY MODE!
Denver area Ham radio stores
Dollar or IRC ???
License Renewal
Need help with first Shortwave radio purchase
Need temporary 3-land QTH (Phila.)
Radios for Emergency Use
RF Feedback into Microphone.
Show work for full credit (was: Temp. Conversion Chart: F & C?)
Sock Size Conversion Chart: Inches/CM (2 msgs)
temperature conversion
which Ringo do I buy?
Yaesu FRG-9600 Mods Wanted
ZIA NET FREQ's

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 6 Jul 94 22:03:16 GMT
From: news-mail-gateway@ucsd.edu
Subject: (none)
To: info-hams@ucsd.edu

help

Francois Locqueville : flocq@dialup.francenet.fr

Date: 6 Jul 1994 15:55:01 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!europa.eng.gtefsd.com!news.ans.net!newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@network.ucsd.edu
Subject: Amateur calls on auto license plates?
To: info-hams@ucsd.edu

I've got my call sign on the license plate of my car and I like it. I've had other Hams call me after seeing my call sign, and I've done the same to those that I've seen. As far as advertising for thieves, I've had people try to break into my car when all I had was a bag of tapes (they'd be disappointed), and a radar detector. Most people ask me what my tag means, some have even thought it meant <Key for it all>(!?), so not everyone knows about amateur radio and its call signs. I would think most thieves would look in a window to see what was in a car before they would look at the tag and say <This guys a ham. Let's rip him off>.

73s de KE4ITL
Warren Whitby
wwhitby@aol.com

Date: Wed, 6 Jul 1994 19:38:27 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!srngenprp!alanb@network.ucsd.edu
Subject: Best linear for scientific experiment
To: info-hams@ucsd.edu

Winfield Hill (hill@rowland.org) wrote:

: Ham transmitters can be very useful in molecular physics experiments. For
: example, working on a cold-atom trapping experiment,

: ... I was able to get a 2000V
: 4MHz electric field on a wire, by using an old tube kw linear. I used a
: 50-to-12 ohm balun, plus a homemade 12-ohm non-inductive resistor and
: air-tuning coil, and was able to get the electric field across a 100pF load,
: with under 250W from the amplifier.

If it's high RF voltage you want, why not just rip out the output tuning pi-network and couple directly into the plate? (Through the coupling capacitor of course.) Add a large-value, high-power resistor in parallel to soak up the watts. You may want to leave in the pi-network tuning

capacitor to tune the plate choke inductance to 1.0 MHz. That arrangement would give you a low-Q, high-voltage output, which is what you are looking for.

If you need to drive a capacitive load, you can add a suitable shunt inductor to get proper tuning.

AL N1AL

Date: Wed, 6 Jul 1994 20:57:27 GMT
From: ihnp4.ucsd.edu!news.service.uci.edu!ttinews!avatar!sorgatz@network.ucsd.edu
Subject: Best linear for scientific experiment
To: info-hams@ucsd.edu

I recommend that you contact Henry Radio: 1-310-820-1234 in L.A. They make custom amps available for plasma and RF sputtering as well as for communications. Their stuff is very rugged, and they may be able to fit up some modular coils to meet your frequency and/or Q needs. I have owned several amplifiers made by Henry Radio and was always quite satisfied with their performance.

<Shameless plug for Amateur Radio!>

Given your technical background, you would be a valuable asset to Amateur Radio...look into the new no-code Tech License, it's easy and a fast way to get started. 73!

-Avatar-> (aka: Erik K. Sorgatz) KB6LUY +-----+
TTI(es@soldev.tti.com)or: sorgatz@avatar.tti.com *Government produces NOTHING!*
3100 Ocean Park Blvd. Santa Monica, CA 90405 +-----+
(OPINIONS EXPRESSED DO NOT REFLECT THE VIEWS OF CITICORP OR ITS MANAGEMENT!)

Date: Wed, 6 Jul 1994 19:38:31 GMT
From: ihnp4.ucsd.edu!agate!boulder!news.coop.net!news.den.mmc.com!news2!
pogo.den.mmc.com!boutell@network.ucsd.edu
Subject: CW - THE ONLY MODE!
To: info-hams@ucsd.edu

In article <199407041703.AA00651@cardamom.unx.sas.com> saswel@unx.sas.COM (Warren E. Lewis) writes:

>

>This CW dilemma has been around since the beginning of the hobby.

>

Good comments snipped here...

>I am still not up to the level that I would like to be...40-50 wpm,
>but, I am progressing and having a great time in the process. At
>this point, I can copy in my head 7-9 wpm QSOs, use the paper and
>pencil method for 10-15 wpm QSOs, and can copy a lot of words
>at 20-25 wpm. I remember when first hearing 20 wpm and not being able
>to pick out single characters (It seems sort of slow now). Snip...

I have been learning code on a morse code program I ftp'd from the net and find it more interesting than code tapes. I can vary the speed of each character as well as the tempo (words per minute) seperately. There are cassettes that do this also, but with the program you have more flexibility (and ways to do it wrong I suppose). What I have done is to set the character speed to 13 WPM and slowly worked my way up in tempo. I'm now at 11 WPM clean copy on paper, 12 WPM a little rough, and 13 WPM still shakey. I'm progressing well though, and should have it soon. Daily practice is the key though in my mind.

Well, anyway the real reason I responded to Warren was this: In playing around with the software, I tried it out at various speeds(tempos) to see how much I could recognize. At 20 WPM I could still catch a lot of letters in my head. At 50 WPM! however, everything sounded almost the same; almost like short tone bursts. I'm not sure yet if it is a limitation on the computers part to produce clean transitions at this rate or if my brain is just not primed to comprehend the patterns at this speed yet. Any opinions?

73, Russ WD0FTF (soon /AA)

Date: 6 Jul 1994 15:48:03 -0400
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.ans.net!
newstf01.cr1.aol.com!search01.news.aol.com!not-for-mail@network.ucsd.edu
Subject: Denver area Ham radio stores
To: info-hams@ucsd.edu

Does anyone know of any good ham radio stores in Denver, Colorado. I will be there next week and might need to get something that I am bound to leave at home.

Thanks in advance,

Warren Whitby
wwhitby@aol.com
73s de KE4ITL

P.S. Thanks to everyone who e-mailed me the Denver area 2m repeater freqs.

Date: 6 Jul 1994 20:54:46 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!howland.reston.ans.net!EU.net!sunic!
trane.uninett.no!eunet.no!nuug!nac.no!nntp-oslo.uninett.no!mac_inge!
root@network.ucsd.edu
Subject: Dollar or IRC ???
To: info-hams@ucsd.edu

Hello!
Thanks for reading this message.
I have one question...

What does QSL-managers in USA prefer,
Dollar (Greenstamp), or IRC.

Is one IRC to fully cover return postage ??

vy 73 de
Tom LA1BJA (JW1BJA)
tomrune@mac_inge.itek.norut.no

Date: Wed, 6 Jul 1994 18:54:08 GMT
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
csusac.ecs.csus.edu!csus.edu!netcom.com!netcom10!faunt@network.ucsd.edu
Subject: License Renewal
To: info-hams@ucsd.edu

The lesson to be learned from this is: document your renewal
application. A photocopy of the 610, and having proof of mailing,
perhaps by sending it certified, or registered, would be cheap
insurance.
I've heard the ARRL is sending reminders to ARRL members that their
license is about to expire. Does anyone know if they're suggesting
this procedure?
73, doug

Date: 6 Jul 1994 20:38:20 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!news.onramp.net!
news.sprintlink.net!tequesta.gate.net!inca.gate.net!habu@network.ucsd.edu
Subject: Need help with first Shortwave radio purchase

To: info-hams@ucsd.edu

I would like to buy a shortwave radio but am not sure where to start, who makes good receivers and are Radio Shack models any good. What should I look for as far as features and options?

Thanks
Mike
?

Date: 6 Jul 1994 15:10:55 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!news.kei.com!babbage.ece.uc.edu!ucunix.san.uc.edu!ucunix.san.uc.edu!not-for-mail@network.ucsd.
Subject: Need temporary 3-land QTH (Phila.)
To: info-hams@ucsd.edu

A little off the thread, but I can't think of a better group of people to trust my life to...

I'm likely going to be moving to Philadelphia for a year of grad school starting in September. I'm 42, married with two teenagers, and leaving them all behind for the year. I'd like to find a decent efficiency, 1-br., or other suitable arrangement for the year. The closer/more convenient to Drexel University, the better.

Anyone in the Philadelphia area with comments/suggestions? Obviously the ability to set up a small hf station would be nice, but not absolutely necessary!

Theodore Allan (Ted) Morris, University of Cincinnati Medical Center,
513-558-0177V, -2682F, MORRIS@UCUNIX.SAN.UC.EDU, (home 513-731-3451), WB8VNV
Previous politically-incorrect tag-line removed.

Date: 6 Jul 1994 19:45:24 GMT
From: ihnp4.ucsd.edu!swrinde!news.uh.edu!usenet@network.ucsd.edu
Subject: Radios for Emergency Use
To: info-hams@ucsd.edu

In <wb9omc.773515194@constellation.ecn.purdue.edu>
wb9omc@constellation.ecn.purdue.edu writes:

[snips]

> OK, let's see what we get. Responders, PLEASE try to limit this discussion
> to the topic of "good radio gear to use while hiking in the backcountry
> for emergency purposes".

Can't resist, but don't most folks hike in the backcountry for recreational purposes?

Date: 6 Jul 1994 18:37:35 GMT
From: ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!kenw@network.ucsd.edu
Subject: RF Feedback into Microphone.
To: info-hams@ucsd.edu

Try installing the capacitor .01 uF, or so, across the mic circuit AT THE PLUG END. The mic cable is acting as an antenna and conducting RF energy back into the radio at the mic connector. The capacitor will tend to short this energy out to the radio chassis ground.

You might also try simply clipping one of the newer "split" ferrite cores over the entire mic cord (at the connector). I believe Radio Shack sells these.

Date: Wed, 06 Jul 94 18:02:28 GMT
From: ihnp4.ucsd.edu!usc!cs.utexas.edu!convex!news.duke.edu!solaris.cc.vt.edu!spcuna!starcomm.overleaf.com!n2ayj!n2ayj@network.ucsd.edu
Subject: Show work for full credit (was: Temp. Conversion Chart: F & C?)
To: info-hams@ucsd.edu

In article <1994Jun29.171513.20340@ptsfa.PacBell.COM> dmturne@PacBell.COM writes:

>>(C - 40) = (5 / 9)*(F - 40)

> ^

>>

>There is a typo in the second formula. It should read:

>

> (C - 40) = (5 / 9)*(F + 40)

Forgive my pedantry, kids, but:

$(C-40) = (5/9)(F+40)$

$(C-40) = (.56)(98.6+40) = .56(138.6) = 77$

$C-40 = 77$

$C-40+40 = 77+40$

$C = 117!$

By this formula, water freezes at 80 C...

$(C-40) = (5/9)(32+40) = .56(72) = 40$
 $C-40+40 = 40+40$
 $C=80$

...and boils at 180 C.

$(C-40) = (5/9)(212+40) = .56(252) = 140$
 $C-40+40 = 140+40$
 $C=180$

Who says we need a longer school year?

--

Stan Olochwoszcz, N2AYJ
n2ayj@n2ayj.overleaf.com

"Please keep your seat belt securely fastened, keep hands and feet inside the car at all times, secure all loose items, exit to your right, and enjoy your day here at SixFlagsDisneyDominionGardensIslandMountainBerryFarm Park."

Date: Wed, 6 Jul 1994 18:20:24 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!
zip.eecs.umich.edu!yeshua.marcam.com!charnel.ecst.csuchico.edu!
csusac.ecs.csus.edu!csus.edu!netcom.com!slay@network
Subject: Sock Size Conversion Chart: Inches/CM
To: info-hams@ucsd.edu

Art Winterbauer N00QS (awinterb@du.edu) wrote:

: I'm not sure why, but in the past week or so, I've had qsos with a
: number of people who, in addition to telling me the temperature at
: their QTH, have volunteered the size and color of their socks.

Oh my God, it looks like Derek (AA5BT) may have started something with his comments about the relevance of mentioning the local temperature and color of socks. ; -)

: Most of my socks range in length between 7 and 14 inches.
: Art, N00QS

Hmmmmmmmm either you have some verrrry interesting foot problems or your "socks" are not necessarily intended for your feet, eh? ; -)

73 de Sandy WA6BXH
slay@netcom.com

Date: 6 Jul 1994 15:21:57 -0400
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!news.kei.com!babbage.ece.uc.edu!ucunix.san.uc.edu!
ucunix.san.uc.edu!not-for-mail@network.ucsd.
Subject: Sock Size Conversion Chart: Inches/CM
To: info-hams@ucsd.edu

In article <CsJ5tt.K42@wang.com> dbushong@wang.com (Dave Bushong) writes:
>

>In many parts of Europe, the word "sock" is a slang term that refers
>to the external differentiator of the male anatomy, if you get my
>meaning. So when they are asking your "sock" size, they are really
>referring to something else. When they ask the "color" of it, they
>are asking to know if you are gay or not.

>--

>Dave Bushong, Wang Imaging
 ^^^^

 This has to be more than mere coincidence...

Theodore Allan (Ted) Morris, University of Cincinnati Medical Center,
513-558-0177V, -2682F, MORRIS@UCUNIX.SAN.UC.EDU, MORRISTA@UC.EDU, WB8VNV
 Previous politically-incorrect tag-line removed.

Date: 6 Jul 1994 21:21:56 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
Subject: temperature conversion
To: info-hams@ucsd.edu

>William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:
>>and there is an alias for the e-mail name:
>> wb9ivr%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM
>>see? much shorter...
> Why can't it be something like wb9ivr@CR.rockwell.COM?

There is nothing wrong with a nice simple address such as you propose,
except that the mail systems at Rockwell will never ever be able to get

it working.

Believe me, Rockwell has bounced more valid mail from the ham radio digests and other mailing lists than all the other subscribed sites put together - with the possible exception of UB.COM, which is at least a close second.

I'd be happy to be proven wrong.

If it gets there at all in Rockwell, just be thankful.

- Brian

Date: 6 Jul 1994 08:40:18 -0700
From: ihnp4.ucsd.edu!swrinde!gatech!asuvax!chnews!ornews.intel.com!
ornews.intel.com!not-for-mail@network.ucsd.edu
Subject: which Ringo do I buy?
To: info-hams@ucsd.edu

In article <9407051514.AA26678@pobox.wellfleet> ginsburg@wellfleet.com writes:
>I'm in the market for a 2 meter vertical for use mostly on packet and
>it looks like the Cushcraft Ringo is the most popular product. Which
>of the 3 varieties, Ringo, Ringo Ranger or Ringo Ranger II should I
>plunk my money down for? Is the RR II that much better than the RR in
>terms of gain and bandwidth?

I have both the AR-2 Ringo and a couple of Rangers, one which I converted to a Ranger II. The original AR-2 Ringo is good enough in my opinion, although I'm currently using the converted Ringo II on top of a 60' tree where it has survived for over 3 years. The conversion didn't seem to do anything. The Ringos are good antennas if you assemble and adjust them properly. I use Penetrox on all sleeves and connections as well as stainless steel hardware if it doesn't already come with that. Wrap the coax a few turns to form a coil about 6-8" across just below the antenna. This will help choke off any feedline radiation although I don't do this and don't seem to have problems. Do use good quality feedline, RG-8, RG-213, or 9913 if you run long feedlines like I do. I also have a 2 meter Isopole on top of another tree and the Ringo generally outperforms it depending on what part of the band is used. While the Isopole provides a good match across the band its pattern seems to be very frequency sensitive and gain falls off a few hundred khz from center freq.

--

zardoz@ornews.intel.com WA7LDV

Date: Wed, 6 Jul 1994 18:02:08 GMT
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!darwin.sura.net!
gatekeeper.es.dupont.com!esds01.es.dupont.com!Harry.A.Lane@network.ucsd.edu
Subject: Yaesu FRG-9600 Mods Wanted
To: info-hams@ucsd.edu

In article <2ut1c3\$mv1@adm09.iac.honeywell.com>
dphillips@ws07.iac.honeywell.com (Dave Phillips) writes:

> Does anyone have information on HF/Scan Rate mods for the Yaesu FRG-9600 VFH
Receiver ?
> There was a kit some time ago that added HF to this radio, and I would be
interested in
> any information regarding it or any other modifications to this radio.
>
> Thanks in advance
>
> Dave

Dave,

From past experience w/FRG9600, as far as I know there is no mod for
scan rate UNFORTUNATELY! I had one and tried in vain to get the bugged
to scan faster. In the process, I nearly mis-aligned the receiver...be
careful if you have a golden screwdriver. On the HF mod, I wish I
found this out 6 months ago...I sold the FRG9600!

Good Luck...

Harry (WB3BYK)

>
> --
>
> Dave Phillips | "Takeoffs are optional,
> Phoenix, AZ, USA | Landings are mandatory,
> dphillips@ws07.iac.honeywell.com | Pilot error is not an accident,
> KB7JS | All airplanes have personalities."

Date: Wed, 6 Jul 1994 19:09:18 GMT
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!convex!arco!news.utdallas.edu!
chpc.utexas.edu!cs.ep.utexas.edu!rgfn.epcc.edu!ab728@network.ucsd.edu
Subject: ZIA NET FREQ's
To: info-hams@ucsd.edu

Bill Lindberg (ab728@rgfn.epcc.edu) wrote:

: All i know is the one in Albuquerque, it's 145.29, -.6 with a 100 Htz tone,
:(I think). I would also like to see a list posted If anyone would care to
: do it. I know there's maps available, but have never seen an online list.

00PS, that tone should be 142.2 Htz. Sorry for the original misinformation.
<blush>

73, Bill, KC5FKN

Date: Wed, 6 Jul 1994 20:40:01 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
To: info-hams@ucsd.edu

References <2vebqq\$2lm@news.acns.nwu.edu>, <2vekg0\$m7a@umcc.umcc.umich.edu>,
<Anthony_Pelliccio-060794141917@138.16.64.44>
Subject : Re: Amateur calls on auto license plates?

In article <Anthony_Pelliccio-060794141917@138.16.64.44>
Anthony_Pelliccio@brown.edu (Tony Pelliccio) writes:
>In article <2vekg0\$m7a@umcc.umcc.umich.edu>, moodyblu@umcc.umcc.umich.edu
>(Matthew Scott Weisberg) wrote:
>
>> Anyway, the moral here is to make your car less of a target I think..
>> I put in an alarm, and now i remove the face plate from the radio when
>> ever I leave the car for long periods... What really irkes me is having to
>> change my lifestyle because of them! So I say get the HAM plates!
>>
>
>Actually a better way is to shoot the S.O.B.'s so they never break into a
>car again. And remember folks... when people are on your property that
>don't belong there (ie, thieves) shoot to kill not to maim because they can
>sue you if you maim them. :)

I'd rather shoot the damn alarm. Those pups ring all day long in the
various parking lots around campus. Try teaching a class with a
whoop-whoop at 90 dB just outside the building. At the point I
call the parking office and complain - they send out a tow truck
within minutes and tow the noisy car to the impound lot. \$75.

Our city council passed a law to limit the length of time those
irritants can ring.

Advice to owners with alarms: Don't set the alarm so that a gust of
wind activates your noise-maker.

Jeff NH6IL

End of Info-Hams Digest V94 #753
